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70 *Spizella socialis arizonæ*. WESTERN CHIPPING SPARROW. A single specimen was shot on the mesa at Yuma Nov. 27.

71 *Spizella breweri*. BREWER'S SPARROW. Seen only on the mesa near Yuma.

72 *Junco oregonus*. ? OREGON JUNCO. A small flock of juncos was seen in a willow thicket near the line, Dec. 2.

73 *Amphispiza belli cinera*. ? GRAY SAGE SPARROW. A few were seen in dense thickets of *Atriplex* near Yuma.

74 *Melospiza fasciata fallax*. DESERT SONG SPARROW. Common in damp thickets along the Colorado. I did not observe a song sparrow in the salt marshes.

75 *Pipilo aberti*. ABERT'S TOWHEE. Extremely abundant in the river bottoms.

76 *Phainopepla nitens*. PHAINOPEPLA. Abundant wherever there were mesquite trees infested with mistletoe. With many other birds they feed upon the ripe berries.

77 *Lanius ludovicianus excubitorides*. WHITE-RUMPED SHRIKE. Several were seen on the mesa and in the river bottom.

78 *Dendroica auduboni*. AUDUBON'S WARBLER. Abundant everywhere in the river bottom.

79 *Geothlypis trichas occidentalis*. WESTERN YELLOW-THROAT. Not uncommon in the river bottom among tule and cane thickets.

80 *Anthus pensylvanicus*. AMERICAN PIPIT. Common along the river from Yuma to salt water. Often seen in scattered flocks on the sand bars and low banks.

81 *Oroscoptes montanus*. SAGE THRASHER. Common in the dry brushy thickets in the river bottom.

82 *Mimus polyglottos*. MOCKINGBIRD. Common in the dryer portions of the river bottom.

83 *Heleodytes brunneicapillus*. CACTUS WREN. Common among mesquite trees in river bottom.

84 *Salpinctes obsoletus*. ROCK WREN. A few were seen about deserted and ruined buildings in Yuma.

85 *Thryothorus bewickii leucogaster*. BAIRD'S WREN. Observed only once, Dec. 1, on the bottom near the Sonora line.

86 *Cistothorus palustris paludicola*. TULE WREN. Common in tule tracts and about the salt marshes at the head of the Gulf.

87 *Auriparus flaviceps*. VERDIN. Common in mesquite and willow thickets; sometimes seen in scattered flocks of ten or twenty.

88 *Regulus calendula*. RUBY-CROWNED KINGLET. Common in bottoms wherever there were trees and bushes.

89 *Polioptila plumbea*. PLUMBEOUS GNATCATCHER. A single specimen was seen on the mesa south of the line.

90 *Sialia mexicana occidentalis*. WESTERN BLUEBIRD. Common in the river bottom, feeding largely on the ripe berries of mistletoe.

91 *Sialia arctica*. MOUNTAIN BLUEBIRD. Common about alfalfa fields in the river bottom. I did not observe this species feeding on the mistletoe.



Echoes from the Field.

Bobolink at Monterey and White-throated Sparrow at Santa Cruz, Gal. Mr. C. Littlejohn's capture of a Bobolink at Redwood City is not the first record for California. On Oct. 14, 1896, I shot a female Bobolink near Monterey. This capture has been reported at different times, but so far as I am aware, has not yet appeared in print.

On New Year's Day, 1894, I took at Santa Cruz a male White-throated Sparrow and later saw another. This was the fifth record for the state, four others having been previously reported (Merriam). These with the four reported by Mr. McGregor gives a total of nine White-throated Sparrows for California.—GEO. F. BRENNINGER, Phoenix, Arizona.

Nesting Notes from Los Angeles, Cal. SNOWY PLOVER (*Aegialitis nivosa*), Redondo, Los Angeles Co., Cal., Apr. 25, 1899. Set of three taken. Incubation so far advanced that the set could not be saved. The earliest nesting date noted in Mr. Grinnell's "List of the Birds of Los Angeles Co." is May 1, 1897.

AMERICAN BITTERN (*Botaurus lentiginosus*). Alamitos, Los Angeles Co., Cal., May 14, 1899. While tramping through the marsh at the north-east end of Alamitos Bay an American Bittern was flushed and upon search a nest containing three eggs was found. The nest was composed of dry marsh grass and lined with finer grass of the same variety; it was nearly flat on top with only a slight depression in the center to hold the eggs in place. The eggs were fresh. This is the first instance on record of this bird breeding in Los Angeles Co.

MARSH HAWK (*Circus hudsonius*). Alamitos, May 14, 1899. A nest containing five young was found by Mr. H. J. Leland in a bunch of weeds and nettles, surrounded by marsh grass which had recently been cut with a mowing machine, the operator being kind enough to leave the nest and young birds alone. A few of the weeds had been broken down to a height of about eight inches, on which a nest of coarse sticks and straw was placed. The nest was flat on top and measured fourteen inches across. The young ranged in size from a little downy fellow to one nearly quarter-grown.

COMMON TURNSTONE (*Arenaria interpres*). I have an immature bird of this species taken at Long Beach on Aug. 24, 1897. Mr. Grinnell in his list does not note the occurrence of this bird in Los Angeles Co.

HOWARD ROBERTSON, Sta. A. Los Angeles, Cal.

Notes on the Black Swift in Monterey Co., Cal. While spending a few days in Monterey Co. on a fishing trip last June I secured several skins of the Black Swift and noted one or two things in their actions that might prove of interest. The birds were seen principally on the tops of the high ridges in company with Western Martins. The rapidity with which they flew caused many exclamations of astonishment from our party and made our necks tired from continual twisting to keep two birds in sight at once. My companion, Mr. F. H. Holmes, remarked that a "rubber neck" would be a great convenience to any one watching the swifts. One moment a bird would be directly over us and in a few seconds perhaps be a half mile away. Judging from the company they kept I am inclined to think they nest in trees with the martins rather than in the cliffs with the White-throated Swifts.

The latter species seemed to keep more in the canons, flying and circling about near the cliffs. I climbed up and had the pleasure of looking into the crack of a cliff where one or two of their nests were hidden, but could not possibly see or obtain the eggs which were probably in several feet. Three or four Audubon's? Hermit Thrushes were heard singing, usually about dark, high up in the thick redwoods. A lonely Cal. Vulture was seen two or three times sailing about near the summit of the range. While coming home along the sea coast a flock of 40 or 50 Heermann's Gulls was noted flying north close to shore.

R. H. BECK, Berryessa, Cal., Aug. 14, '99.

Notes from Los Angeles, Cal. *Spizella breweri*. On May 2, 1899, a great many Brewer's Sparrows were observed in the San Fernando Valley. The majority of those seen were in pairs, and the males were generally sitting on the tops of the bushes, singing. On May 24 we revisited the place and while they were not as numerous as before, quite a number were seen. One nest was found containing three young. It was built in a candle cactus near the main stem and about one foot from the ground, and was composed mainly of small rootlets and was not apparently lined with any finer material. The young were only a day or two old.

Zonotrichia leucophrys. Although this bird has not been recorded from Los Angeles County before, I believe that it is of regular occurrence here, though probably not in any great numbers. On April 22, 1898, I shot an adult female from a

flock of Intermediate Sparrows. On April 26, 1899, I secured another, also a female, and on March 29, 1899, I saw one which I did not shoot. It was feeding in the yard with the chickens and as I was within ten feet of it I could easily distinguish it from the Intermediate Sparrows about.

Junco hyemalis. On Nov. 3, 1898, I shot two Slate-colored Juncos, both males. These two birds were by themselves, though I saw a large flock of Thurber's Juncos but a short distance from where I secured them.

Coccothraustes vespertinus montanus. On Oct. 30, 1898, on the summit of Mt. Wilson, I secured two adult female Western Evening Grosbeaks. No others were seen during the two days we remained in the locality.

Sitta canadensis. In the fall of 1898 I found the Canada Nuthatch comparatively abundant in the vicinity of Los Angeles. I shot the first on Sept. 16 and was very much surprised at finding this species so far from the mountains. A few days later I secured another and from then on they were seen almost daily until about the middle of October when they disappeared. Mr. Robertson informs me that he saw one in a pepper tree at the extreme end of Point Firmin on Sept. 8, 1898.

ALBINOS. *Zonotrichia leucophrys intermedia*. I shot a partial albino Intermediate Sparrow on Feb. 5, 1899. This bird is normal except for the tail, which is white with a dusky bar across it near the tip. One tail feather is normal in color and is about $\frac{1}{8}$ inch longer than the others.

Agelaius phoeniceus. On May 7, 1899, I saw a male Redwinged Blackbird, with almost all the primaries and secondaries of each wing, pure white. I did not shoot it and have seen it several times since in the same place, where there is a colony breeding.

H. S. SWARTH, Bradbury Blk., Los Angeles, Cal.

Nesting of the California Cuckoo. Six o'clock in the evening of June 17, 1899, found me trudging wearily along the bank of a running stream about ten miles north of San Jose. I had been out all day and having had poor luck had given up collecting and was walking back the wagon road along the creek bank to my horse. Between the stream and the road is a growth of young willow and maple trees into which I cast occasional glances. Hearing a rustle, and seeing a bird leave a clump of willows I stopped, and noticed a nest near the top of one of the trees, and took it to be a nest of the Black-headed Grosbeak. One of the boys who was with me climbed to the nest and reported three plain blue eggs, which I at once concluded were eggs of the California Cuckoo.

The bird left the vicinity and did not return, but the glance I had of her as she left the trees was enough to assure me that my identification was correct. The nest was at the top of a small willow, in a fork, nine feet from the ground and was a very frail structure, composed of twigs, straw and rootlets, well hollowed, and sparingly lined with fine grasses. The eggs are three in number, greenish-blue in color and very much resemble eggs of the Yellow-billed Cuckoo in my collection. One of them was fresh, the others slightly incubated. The same day I found a shell of an egg of this species on the ground, which had evidently been hatched, but a half hour's search failed to reveal the nest. At another place a bird was seen so I conclude that they breed sparingly in the locality every year.

W. M. L. ATKINSON, Santa Clara, Cal. Aug. 13, '99.

Notes from Alameda, Gal. Oct. 6, 1898, I took a Western Winter Wren, the third I ever noted in this district. Shot a ♀ Californian Thrasher that was singing, perched on top of a bush. Like many others of its kind it was covered with vermin, especially on the neck and breast. Perhaps the bird's bill is so long as to prevent it reaching these parts. Does the ♀ usually sing?

American Pipits were noted sparingly on the Coast Range Mts. along the boundary of Alameda and Contra Costa counties on April 1. These were late to migrate or were possibly about to breed there. Long-tailed Chats were common as usual in localities visited this season, but the birds were seldom seen on account

of their shyness. A male was perched upon a small tree-top along the county road in the town of Haywards, singing away in apparent security.

I discovered three nests of the Western Yellowthroat on May 8 in a patch of rushes, overgrown with willows. Two were deserted and the third, which was quite large and elaborately constructed of dead blades of cat-tails and sparsely lined with the long hair of cattle, was thrust sideways, by a cow perhaps, and contained four fresh eggs, two of which were slightly damaged.

In about one-half of the completed nests of Pileolated Warbler I have found, the bird has deserted her nest and the immediate premises. On April 30, 1899, Mr. Harry Sheldon and I were collecting along a creek when he made the unusual find of a nest and five eggs of the Russet-backed Thrush, which I secured.—D. A. COHEN, Alameda, Cal., July 15, '99.



The Nesting Haunts of the Black-throated Gray Warbler.

THE accompanying plate represents one of those charming bits of woodland which Messrs. Henry W. Carriger, John M. Welch and the writer were permitted to pass through in the Sierra Nevada Mts. early in June of this year. The camera has preserved the mere outlines of the scene, but the freshness and brilliancy of the morning and the ecstatic songs of the woods' feathered denizens are of necessity lacking. We were roaming aimlessly through the woods, following only such paths as fancy might dictate, when Mr. Carriger's attention was drawn to a neat, greyish nest on the drooping limb of a pine, to which a pair of Black-throated Gray Warblers presently claimed ownership. Being near a road-house a short ladder was secured later in the day and the set collected on its original limb.

Mr. Carriger contributes the following notes on this species from his '99 experiences: "The Black-throated Gray Warbler was probably the commonest warbler met with on our trip and a number of nests were located. Several were found in the deer brush (*Ceanothus*) at from five to nine feet up and two were placed in pines, one twelve feet up on a small limb (shown in the illustration) and another 52 feet up on a horizontal limb. The birds showed little anxiety and would fly off at our approach and remain near by, chirping occasionally. While photographing the nest both birds remained in the pine overhead but did not approach nearer than ten feet. While we often heard

this warbler singing, few were noticed excepting on such occasions as when we collected a nest."

The scene portrayed in the plate is an ideal one of the open growths in the Sierras. It seems truly a transformation to step from the deep, dark timber where the reign of Silence is seldom broken and where the birds seem loath to commit the sacrilege of song, to the open hillsides where the carpet of luxuriant "mountain misery" is ever green, and where the sunlight sifts down in fantastic shafts through the pines and cedars with beautiful varied effects. Here the warblers and vireos pour forth their most exquisite songs and the creepers and nuthatches industriously gyrate up and down the oaks and pines while the woodpeckers and sapsuckers drum idly on the dead stubs. Here all bird life dwells in seeming harmony, and as recurrent thoughts carry one back to the hum-drum of city life I almost wish I might linger away in this idyllic spot.

C. BARLOW.



MR. RALPH ARNOLD, a member of the Cooper Club, was united in marriage to Miss Frankie Winninette Stokes at Alhambra, Cal., on July 12, 1899. Mr. Arnold has always been one of the most active members of the Club and has done extensive work in ornithology throughout Los Angeles County, his former home. He was president and a graduate of the class of '99 of Stanford University, where his popularity throughout his several years' course was unbounded. As leader of the Stanford Mandolin Club at the University and on its numerous tours, he added constantly to an already large circle of friends, all of whom will join in cordially congratulating him as one most worthy of the fair bride he has won from the Southland. Mr. and Mrs. Arnold will locate at Menlo Park, Cal.